If a POODOO abort alarms (1206, 1210, 1302, 1501, 1502, 1521, 1204, 1103, 430, 607, 610) takes place during permanent integration, STATEFLG, and NODOFLAG are not reset with the result that subsequent integrations may cause difficulty.

**2.1 CAUSE:** Coding error: if a POODOO abort occurs during POO integration the NODOFLAG will remain set. For other permanent integrations (e.g. mark incorporation) the STATEFLG will remain set.

**2.2 RECOGNITION:** If occurring during POO then all program requests (V37) except for POO (and V96) are locked out. If STATEFLG remains set then any integration (e.g. P21) will behave as a permanent integration & clobber the state vector.

**2.3 MISSION EFFECT:**
Mandatory work around if POODOO abort occurs. (See 2.5)

**2.4 AVOIDANCE PROCEDURE:**
None.

**2.5 RECOVERY PROCEDURE:**
If a POODOO abort occurs select POO.

**2.6 PROGRAM CORRECTION:**
Add coding to reset STATEFLG and NODOFLAG in POODOO logic.

**2.7 RECOMMENDED DISPOSITION:** Fix, Work-around, etc.
Fix for COLOSSUS 2A: Use work around in COLOSSUS 1A and COLOSSUS 2.

**2.8 RECOMMENDED RE-TESTING:** Force POODOO abort during integration.

MIT will fix for COLOSSUS 2A:
Remote Program Note 3.1.1
SEC A.
CLOSED
2.5 Recovery Procedure: (Cont.)

Reset REINTFLG as follows:

V 25 N 07E
106E
100E

Reset STATIDFLG as follows:

V 25 N 07E
77E
20E
E

Then select P00 since Poo will clear the NODOFLAG.